

"AIRS/AMSU/HSB on the Aqua Mission: Design, Science Objectives, Data Products and Processing Systems", Aumann, Chahine, Gautier, Goldberg, Kalnay, McMillin, Revercomb, Rosenkranz, Smith, Staelin, Strow and Susskind

"Prelaunch and In-flight Radiometric Calibration of the Atmospheric Infrared Sounder (AIRS)", Thomas S. Pagano, Hartmut H. Aumann, Denise E. Hagan and Kenneth R. Overoye

"Pre-launch Spectral Calibration of the Atmospheric Infrared Sounder (AIRS)", Lawrence L. Strow, Scott Hannon, Margie Weiler, Ken Overoye, Steven L. Gaiser and H. Aumann

"In-flight Spectral Calibration of the Atmospheric Infrared Sounder", Steven L. Gaiser, Lawrence L. Strow, Scott Hannon and Hartmut H. Aumann

"Verification of the AIRS Boresight Accuracy using Coastline Detection", David T. Gregorich and Hartmut H. Aumann

"AIRS Visible/Near IR Instrument", Catherine Gautier, Yang Shiren and M. Hofstadter

"Co-Alignment and Synchronization of the AIRS Instrument Suite", Bjorn H. Lambrigtsen and Sung-Yung Lee

"Calibration of the AIRS Microwave Instruments", Bjorn H. Lambrigtsen

"An Overview of the AIRS Radiative Transfer Model", Lawrence L. Strow, Scott Hannon, Sergio D. Machado and D. Tobin

"Rapid Radiative Transfer Model for AMSU/HSB Channels", P.W. Rosenkranz

"Retrieval of Atmospheric and Surface Parameters from AIRS/AMSU/HSB Data Under Cloudy Conditions", Joel Susskind, Christopher D. Barnet and John M. Blaisdell

"AIRS Near Real-Time Products and Algorithms in Support of Global Data Assimilation for Medium Range Weather Forecasting", Mitchell D. Goldberg, Larry M. McMillin, Walter Wolf, Lihang Zhou, Yanni Qu, and Murty Divakarla

"AIRS Standard Data Product Validation and Tuning", Larry McMillin, Mitch Goldberg, Sisong Zhou, HanJung Ding

"AIRS Radiance Validation over Ocean from Sea Surface Temperature Measurements", Denise Hagan and Peter Minnett

"Validation of AIRS/AMSU/HSB Precipitation Estimates", Frederick W. Chen and David H. Staelin

"AIRS Cloud-clearing Using Multi-spectral MODIS Imagery", W.L. Smith, Gail E. Bingham, Gregory W. Cantwell, Michael J. Gordon, Daniel K. Zhou, and Allen H. Huang

"The Humidity Sounder for Brazil – An International Partnership", Bjorn Lambrigtsen and Roberto V. Calheiros

"AIRS/AMSU/HSB Validation", Eric J. Fetzer, Larry McMillin, Dave Tobin, Michael Gunson, Hartmut H. Aumann, Wallace McMillin, Denise Hagan, Mark Hofstadter, James Joe, David Whiteman, Ralf Bennartz, John Barnes, Holger Voemel, Von Walde, Michael Newchurch, Peter Minnett, Robert Atlas, Francis Schmidlin, Edward Olsen and Mitch Goldberg

"The Atmospheric Infrared Sounder (AIRS) Simulation System", Evan Fishbein, Dave Gregorich, Michael Gunson, Mark Hofstadter, Sung-Yung Lee, Philip W. Rosenkranz, and Lawrence L. Strow